

云南山地雨林大戟科一新种*

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A NEW SPECIES OF EUPHORBIACEAE FROM YUNNAN MOUNTANE RAIN FOREST

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关键词 大戟科; 海漆属; 云南海漆

云南海漆 新种 图 1

Excoecaria yunnanensis Y. H. Li et J. C. Xu, sp. nov.

Haec species *E. agallochae* affinis, sed foliis integerrimis inflorescentiis ♂ racemosis circ. 2 cm longis, bracteis late ovatis et bracteolis lanceolatis, capsulae valvis lignosis, extus manifeste reticulatis, pedicellis fructiferis 3~5 cm longis, sursum gradatim incrassatis differt.

Arbor sempervirens usque ad 12~20 m alta, ramosa; ramuli graciles longitudinaliter striati, brunnei. Folia chartacea vel subcoriacea, oblongo-elliptica, oblonga vel oblongo-lanceolata, 5~9 cm longa, 1.5~3 cm lata, apice acuminata subfalcata obtusa, basi cuneata, margine integra, utrinque glabra, interdum supra sparse albo-villosa et nigro-punctata, costa supra leviter impressa, subtus prominente, nervis lateralibus 14~18-jugis, gracilibus, procul a margine anastomosantibus, cum nervulorum retibus utrinque manifestis; petioli 5~7 mm longi, supra sulcati. Flores unisexuales monoecii. Inflorescentiae ♂ dense racemosae, terminales et axillares, circ. 2 cm longae, quisque flos staminatus basi bractea 1, late ovata longe acuminata et bracteolis 2 lanceolatis omnibus intus basi utrinque 1-glandulosis praeditus, pedicellis non ultra 1 mm longis. Sepala 3, subrotundata. stamina 3, filamentis liberis, basi connatis, antheris globosis dehiscentibus lateralibus. Flos pistillatus non visus. Capsula solitaria vel gemella, depresso-globosa, extus manifeste reticulata, 3-locularis, quoque loculo monospermo bivalvato, interdum tantum loculo uno vel eis duobus fertilibus, columela persistente late trigona circ. 1 cm longa, pedicello fructifero 3~5 cm longo, sursum gradatim incrassato; semina ellipsoidea, 5~10 mm longa, circ. 6 mm diam, extus nitida et nigro-

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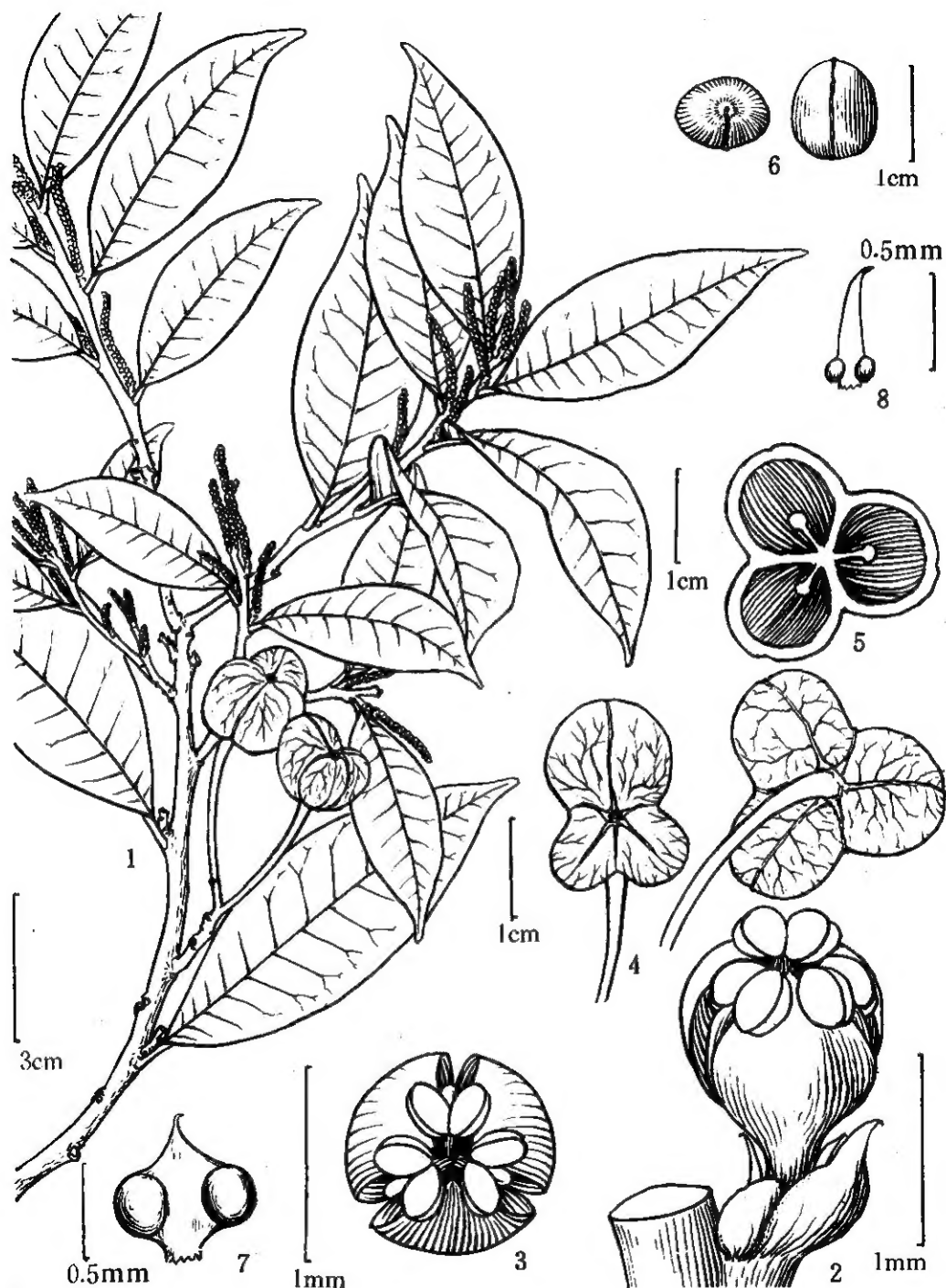


图1 云南海漆 1. 花果枝; 2. 雄花序一段; 3. 雄花; 4. 蒴果; 5. 子房横切面, 示胚珠着生方式; 6. 种子; 7. 苞片; 8. 小苞片。(刘怡涛绘)

Fig. 1 *Excoecaria yunnanensis* Y. H. Li et J. C. Xu 1. flowering and fruiting shoots; 2. a part of male inflorescence; 3. male flower; 4. capsule; 5. cross section of ovary, showing insertion of ovules; 6. seeds; 7. bract; 8. bractlet.

punctata.

Yunnan (云南): Xishuangbanna (西双版纳), Jinghong (景洪), Mengsong (勐宋), alt. 1750 m, in montane rain forests, shady and moist place, 1978-10-14, G. D. Tao (陶国达) 21718 (Fl. and Fr.) (holotype, KUN); *ibid.* Biological Diversity Exped. 2398 (Fr.)

常绿乔木, 高 12~20 m, 分枝多, 小枝纤细, 具纵条纹, 暗褐色。叶纸质或近革质, 长椭圆形、长圆形或长圆状披针形, 长 5~9 cm, 宽 1.5~3 cm; 先端渐尖, 微镰形, 钝头, 基部楔形, 全缘; 两面无毛, 有时上面疏被白色长柔毛和黑色斑点; 中脉在上面下陷, 背面隆起, 侧脉纤细, 14~18 对, 未达边缘处网结, 侧脉和网脉两面明显; 叶柄长 5~7 mm, 上面具沟槽。花单性同株; 雄花多数组成密集的总状花序, 顶生和腋生于当年生枝条, 长约 2 cm; 每雄花基部具苞片 1 枚, 宽卵形, 长渐尖; 小苞片 2 枚, 披针形; 苞片和小苞片里面基部两侧各具 1 腺体; 花梗长不到 1 mm, 花瓣缺; 萼片 3, 近圆形; 雄蕊 3, 花丝分离, 基部合生; 无退化雌蕊; 花药球形, 侧面开裂; 雌花未见。蒴果 1 或 2 着生于老枝, 扁球形; 3 室, 有时仅 1 或 2 室发育, 径约 1.5 cm, 外面具明显的网纹, 每室开裂为 2 果瓣, 具种子 1 枚, 中轴宿存, 宽三棱形, 长约 1 cm, 柄长 3~5 cm, 向上渐粗; 种子椭圆形, 长 8~10 mm, 径约 6 mm, 外面有光泽和黑褐色斑点。花期 10 月, 果期 4~5 月。

本种与 *E. agallocha* Linn. 相似, 不同点在于本新种的叶全缘, 雄花序总状, 长约 2 cm, 苞片宽卵形, 小苞片披针形; 果瓣木质, 外面具明显的网纹, 柄长 3~5 cm, 向上渐粗。